



57114b

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SEQUENCE LISTING

#3

<110> Cheah, Kathryn
Cheung, Kenneth

<120> USE OF TRANSGENIC MOUSE CONTAINING A TYPE X COLLAGEN MUTANT

<130> 0467/57114-B

<140> 09/975,607

<141> 2001-10-11

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 486

<212> DNA

<213> Mouse

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Ser	Ala	Phe	Thr	Val	Ile	Leu	Ser	Lys	Ala	Tyr	Pro	Ala	Val	Gly	Ala
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Pro	Ile	Pro	Phe	Asp	Glu	Ile	Leu	Tyr	Asn	Arg	Gln	Gln	His	Tyr	Asp
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Pro	Arg	Ser	Gly	Ile	Phe	Thr	Cys	Lys	Ile	Pro	Gly	Ile	Tyr	Tyr	Phe
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Ser Tyr His Val His Val Lys Gly Thr His Val Trp Val Gly Leu Tyr
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Lys Asn Gly Thr Pro Thr Met Tyr Thr Tyr Asp Glu Tyr Ser Lys Gly
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Tyr Leu Asp Gln Ala Ser Gly Ser Ala Ile Met Glu Leu Thr Glu Asn
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Pro Ile Pro Phe Asp Glu Ile Leu Tyr Asn Arg Gln Gln His Tyr Asp
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Pro Arg Ser Gly Ile Phe Thr Cys Lys Ile Pro Gly Ile Tyr Tyr Phe
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Ser Tyr His Val His Val Lys Gly Thr His Val Trp Val Gly Leu Tyr
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Lys Asn Gly Thr Arg Met Met Ser Thr Ala Lys Ala Thr Trp Ile Arg
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Leu Gln Gly Val Gln Ser Trp Ser Ser Gln Lys Met Thr Arg Tyr Gly
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 35 40 45

Pro Ile Pro Phe Asp Glu Ile Leu Tyr Asn Arg Gln Gln His Tyr Asp
 50 55 60

Pro Arg Ser Gly Ile Phe Thr Cys Lys Ile Pro Gly Ile Tyr Tyr Phe
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Ser Tyr His Val His Val Lys Gly Thr His Val Trp Val Gly Leu Tyr
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Lys Asn Gly Thr Pro Met Met Asn Thr Pro Lys Ala Thr Trp Ile Arg
 100 105 110

Leu Gln Gly Val Pro Ser Ser Ile Ser Gln Lys Met Thr Arg Cys Gly
 115 120 125

Ser Ser Phe Pro Met Pro Ser Gln Met Ala Tyr Thr Pro Leu Ser Met
 130 135 140

Ser Thr Pro Leu Ser Gln Asp Ser
 145 150